

Application No.: 10/785,089

Docket No.: 713-1044

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A locking device for a cover which is locked by a first push and unlocked by a second push, said device comprising:

a case [(1)] open at one of [(its)] ends thereof [(6)];

a sliding member [(2)] engaged in said case [(1)] and moveable with respect to [(it)] said case in a sliding direction [(C)], said sliding member comprising a body [(22)] and two opposed elastic claws [(23)] which, when not urged, are maintained apart from each other, wherein said device has with-in a locked position when [(,)] the sliding member is [(2)] inserted in the case with [(1,)] two opposed faces [(17)] of the case latter holding the two claws [(23)] brought towards each other, and [(in)] a release position with the two opposed faces of the case ~~the body (22) of the sliding member (2) being substantially flush with the opening (6) of the case (1),~~ freeing the claws [(23)];

a spring being [(42)] arranged between the body [(22)] of the sliding member [(2)] and the case [(1)], and urging the sliding member towards the release position;

the case [(1)] having a work face [(8)] provided with an elastic leg [(7)] moveable in the plane of said work face [(8)], the elastic leg [(7)] being provided with a follower [(14)] projecting towards [(the)] an inside of the case [(1)];

the sliding member [(2)] having, parallel to said work face [(8)], a planar cam surface [(24)] from which projects, towards the work face [(8)], a central island [(27)] about which is formed a cam track for the follower [(14)], wherein the follower, with respect to the island, [(being)] is in a captive position [(V)] when the device is in [(its)] the locked position [(while)]

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and in a free position  $[(R)]$  when the device is in the release position; and

$[(with,)]$  on the first push, the follower  $[(14)]$  passing from  $[(its)]$  the free position  $[(R)]$  to  $[(its)]$  the captive position  $[(V)]$  by a first path on the cam track and, on the second push, the follower  $[(14)]$  passing from  $[(its)]$  the captive position  $[(V)]$  to  $[(its)]$  the free position  $[(R)]$  by a second path distinct from the first path;

wherein said follower, while traveling on the first and second paths, moves in the plane of said work face from one of the two opposed faces of the cases towards the other, and vice versa.

2. (currently amended)  $[(A)]$  The device according to claim 1, said elastic leg  $[(7)]$  comprising, on the face on the opposite side from the follower  $[(14)]$ , a planar contact surface  $[(13)]$  adapted to cooperate with a wall  $[(43)]$  provided for being held against the work face  $[(8)]$ .

3. (currently amended)  $[(A)]$  The device according to claim 2; said case  $[(1)]$  comprising, on each of the two opposed ~~its lateral~~ faces  $[(17)]$  adjacent to the work face  $[(8)]$ , at least one fixing lug  $[(18)]$  opposite a stop surface  $[(5)]$  transverse to the direction of sliding  $[(C)]$ , wherein ~~and in that~~ the planar contact surface  $[(13)]$  extends beyond the ends of the fixing lugs  $[(18)]$  towards the opening  $[(6)]$ .

4. (currently amended)  $[(A)]$  The device according to claim 1, said elastic leg  $[(7)]$  comprising two branches  $[(10)]$  each attached to a corner  $[(12)]$  of the work face  $[(8)]$ , the two branches  $[(10)]$  joining together at the follower  $[(14)]$ .

5. (currently amended)  $[(A)]$  The device according to  $[(one)]$  claim 1, said follower  $[(14)]$  comprising a lateral flat.

6. (currently amended)  $[(A)]$  The device according to claim 1, said cam track is

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further defined by two lateral walls (25, 26) substantially parallel to the direction of sliding ~~[[C]]~~, as well as by a peninsula ~~[[28]]~~ facing the central island ~~[(27),]~~ and being situated at the connection of the elastic claws ~~[(23)]~~ to the body of the sliding member ~~[(2)]~~, said lateral walls (25, 26) and said peninsula ~~[[28]]~~ projecting from the cam surface ~~[(24)]~~ towards the work face ~~[(8)]~~.

7. (currently amended) ~~[[A]]~~ The device according to claim ~~[[1]]~~ 6, said central island ~~[(27)]~~ comprising a first edge ~~[(29),]~~ parallel to the direction of sliding ~~[[C]]~~, a second edge extending obliquely ~~(30) starting~~ from one end of the first edge, said first and second ~~(29) and oriented obliquely, these two edges (29, 30) furthermore~~ being connected by a third, curved edge ~~[(31)]~~ bowed towards the inside of the central island ~~[(27)]~~.

8. (currently amended) ~~[[A]]~~ The device according to claim ~~[[6]]~~ 7, the peninsula ~~[[28]]~~ comprising two edges ~~(32, 33)~~ forming a point directed towards the central island ~~[(27)]~~, one of ~~[[those]]~~ said two edges being ~~[(32),]~~ situated on the same side as the second edge ~~[(30)]~~ of the central island ~~[(27),]~~ and being parallel to the direction of sliding, while ~~(C)~~ and the other of said two edges being edge ~~(33),~~ situated on the same side as the first edge ~~[(29)]~~ of the central island ~~[(27),]~~ and being oblique.

9. (currently amended) ~~[[A]]~~ The device according to claim 6, ~~characterized in that~~ the cam track comprising at least one portion of width just sufficient for the passage of said follower ~~[(14)]~~.

10. (currently amended) ~~[[A]]~~ The device according to claim 6, the peninsula ~~[[28]]~~ comprising at least one stop edge ~~[(34, 35)]~~ arranged transversely to the direction of sliding ~~[[C]]~~ and adapted to form an abutment for the follower ~~[(14)]~~.

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11. (currently amended) [[A]] The device according to claim 6, the cam surface ~~[[24]]~~ further comprising a non-return rib ~~[[41]]~~ projecting from said surface ~~[[24]]~~ towards the work face ~~[[8]]~~ and arranged parallel to the direction of sliding ~~[[C]]~~, said non-return rib ~~[[41]]~~ extending between the central island ~~[[27]]~~ and the peninsula ~~[[28]]~~.

12. (currently amended) [[A]] The device according to claim 1, the case ~~[[1]]~~ comprising a guide aperture ~~[[19]]~~ on one of its sides perpendicular to the opening, wherein ~~(6)~~ ~~and in that~~ the sliding member ~~[[2]]~~ comprises a tooth ~~[[40]]~~ engaged in said guide aperture ~~[[19]]~~.

13. (currently amended) [[A]] The device according to claim 12, the case ~~[[1]]~~ comprising an engagement groove ~~[[20]]~~ situated on ~~[[the]]~~ an inner face of the side on which the guide aperture ~~[[19]]~~ is formed, the engagement groove ~~[[20]]~~ continuing on from the guide aperture ~~[[19]]~~ to one end of the case ~~(1)~~, with less depth and having a depth smaller than that of said guide aperture.

14. (currently amended) [[A]] The device according to claim 12, said tooth ~~[[40]]~~ comprising a bevel.

15. (currently amended) [[A]] The device according to claim 6, the lateral walls ~~(25, 26)~~ comprising a portion ~~[[38]]~~ projecting beyond the opposite end of the sliding member ~~[[2]]~~ from the claws ~~[[23]]~~ and adapted to be inserted in an aperture ~~[[16]]~~ formed in the opposite face ~~[[15]]~~ of the case from the opening ~~[[6]]~~.

16. (currently amended) [[A]] The device according to claim 1, the casing ~~[[1]]~~ comprising a guide ~~[[21]]~~, for a spring ~~[[42]]~~, projecting from the opposite face ~~[[15]]~~ of the case from the opening ~~[[6]]~~.

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17. (currently amended) [[A]] The device according to claim 1, the sliding member [[ (2) ]] comprising a hole [[ (39) ]] for receiving the spring [[ (42) ]].

18. (currently amended) A locking assembly operable by first and second pushes, said assembly comprising:

a case open at one end and having an elastic leg moveable in a work face of said case, said elastic leg having a follower projecting toward [[the]] an interior of said case; and

a sliding member operatively positioned and moveable in a sliding direction in said case, said sliding member operatively urged away from said case, said sliding member comprising:

a body having a [[planar]] cam surface facing the work face of said case, said [[planar]] cam surface having a central island projecting toward the work face and a cam track formed thereabout for the follower, the follower being in a captive position when the assembly is in a locked position and in a free position when the assembly is in a released position; and

two opposed elastic claws which when not urged are maintained apart from each other, wherein said two claws are brought toward each other when the assembly is in the locked position and the sliding member is inserted in the case and wherein said two claws are released when the assembly is in the released position; [[,]]

wherein the follower passes from the free position to the captive position by a first path on the cam track as a result of a first push, and the follower passes from the captive position to the free position by a second path distinct from the first path as a result of a second push; and

wherein said follower, while traveling on the first and second paths, moves, in the plane of said work face and relative to said case, a distance greater than a maximum width of said central island as measured in a direction transverse to the sliding direction.

19. (previously presented) The locking assembly of claim 18, said elastic leg further comprising two branches each attached to a corner of the work face and joining together at the follower.

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20. (previously presented) The locking assembly of claim 18, said sliding member further comprising two lateral walls substantially parallel to the sliding direction and defining a portion of said cam track and a peninsula facing said central island and positioned at the end of said sliding member proximate said elastic claws, said lateral walls and said peninsula projecting from said cam surface toward the work face.

21. (new) The locking assembly of claim 18, wherein said central island is an integral part of said body.